

**What is claimed is:**

1       1. A hatch for an electronic device, comprising:  
2           a main body;  
3           a thermal insulation layer disposed on the inner  
4           surface of the main body;  
5           a conductive layer fully covering the surface of the  
6           thermal insulation layer;  
7           an electrical insulation layer partially covering  
8           the conductive layer, leaving part exposed to  
9           dissipate heat from the electronic device.

10       2. The hatch for an electronic device as claimed  
11        in claim 1, wherein the thermal insulation layer is made  
12        of microcellular PU foams (PORON).

13       3. The hatch for an electronic device as claimed  
14        in claim 1, wherein the thermal insulation layer is made  
15        of chloroprene rubber (CR).

16       4. The hatch for an electronic device as claimed  
17        in claim 1, wherein the conductive layer is aluminum  
18        foil.

19       5. The hatch for an electronic device as claimed  
20        in claim 1, wherein the conductive layer is copper foil.

21       6. The hatch for an electronic device as claimed  
22        in claim 1, wherein the electrical insulation layer is  
23        made of MYLAR.

24       7. The hatch for an electronic device as claimed  
25       in claim 1, wherein the main body has a hole disposed  
26       therein.

27       8. The hatch for an electronic device as claimed  
28       in claim 1, wherein the main body has at least one  
29       protrusion on an edge thereof.

30       9. The hatch for an electronic device as claimed  
31       in claim 1, wherein the electronic device is a notebook  
32       computer.

33       10. A notebook computer having a housing and a  
34       hatch, comprising:

35       a main body detachably disposed on the housing;  
36       a thermal insulation layer disposed on a side of the  
37       main body, wherein the side is adjacent to  
38       heat-generating components;  
39       a conductive layer covering the surface of the  
40       thermal insulation layer;  
41       an electrical insulation layer partially covering  
42       the conductive layer, leaving part of the  
43       conducting layer exposed and heat from the  
44       component is insulated by the thermal  
45       insulation layer.

46       11. The hatch for an electronic device as claimed  
47       in claim 10, wherein the thermal insulation layer is made  
48       of microcellular PU foams (PORON) ..

49       12. The hatch for an electronic device as claimed  
50       in claim 10, wherein the thermal insulation layer is made  
51       of chloroprene rubber (CR).

52       13. The hatch for an electronic device as claimed  
53       in claim 10, wherein the conductive layer is aluminum  
54       foil.

55       14. The hatch for an electronic device as claimed  
56       in claim 10, wherein the conductive layer is copper foil.

57       15. The hatch for an electronic device as claimed  
58       in claim 10, wherein the electrical insulation layer is  
59       made of MYLAR.

60       16. The hatch for an electronic device as claimed  
61       in claim 10, wherein the main body has a hole disposed  
62       therein.

63       17. The hatch for an electronic device as claimed  
64       in claim 10, wherein the main body has at least one  
65       protrusion on an edge thereof.

66       18. The hatch for an electronic device as claimed  
67       in claim 10, wherein the conductive layer is disposed  
68       between the electrical insulation layer and the thermal  
69       insulation layer.

70       19. The hatch for an electronic device as claimed  
71       in claim 10, wherein the electrical insulation layer is  
72       disposed between the component and the conductive layer.